

COVID-19 in Alaska, Virtual Town Hall

Medical, Science and Health Data

Adam Crum, Commissioner, Department of Health and Social Services

Dr. Anne Zink, Alaska's Chief Medical Officer

Heidi Hedberg, Public Health Director, Department of Health and Social Services

Dr. Joe McLaughlin, Alaska's State Epidemiologist and Epidemiology Section Chief

Dr. Louisa Castrodale, Epidemiologist, Department of Health and Social Services

Anna Frick, Epidemiologist, Department of Health and Social Services

Dr. Coleman Cutchins, State Pharmacist, Department of Health and Social Services

Dr. Lior Dolgonos, Intensive Care Physician, Alaska Hospitalist Group

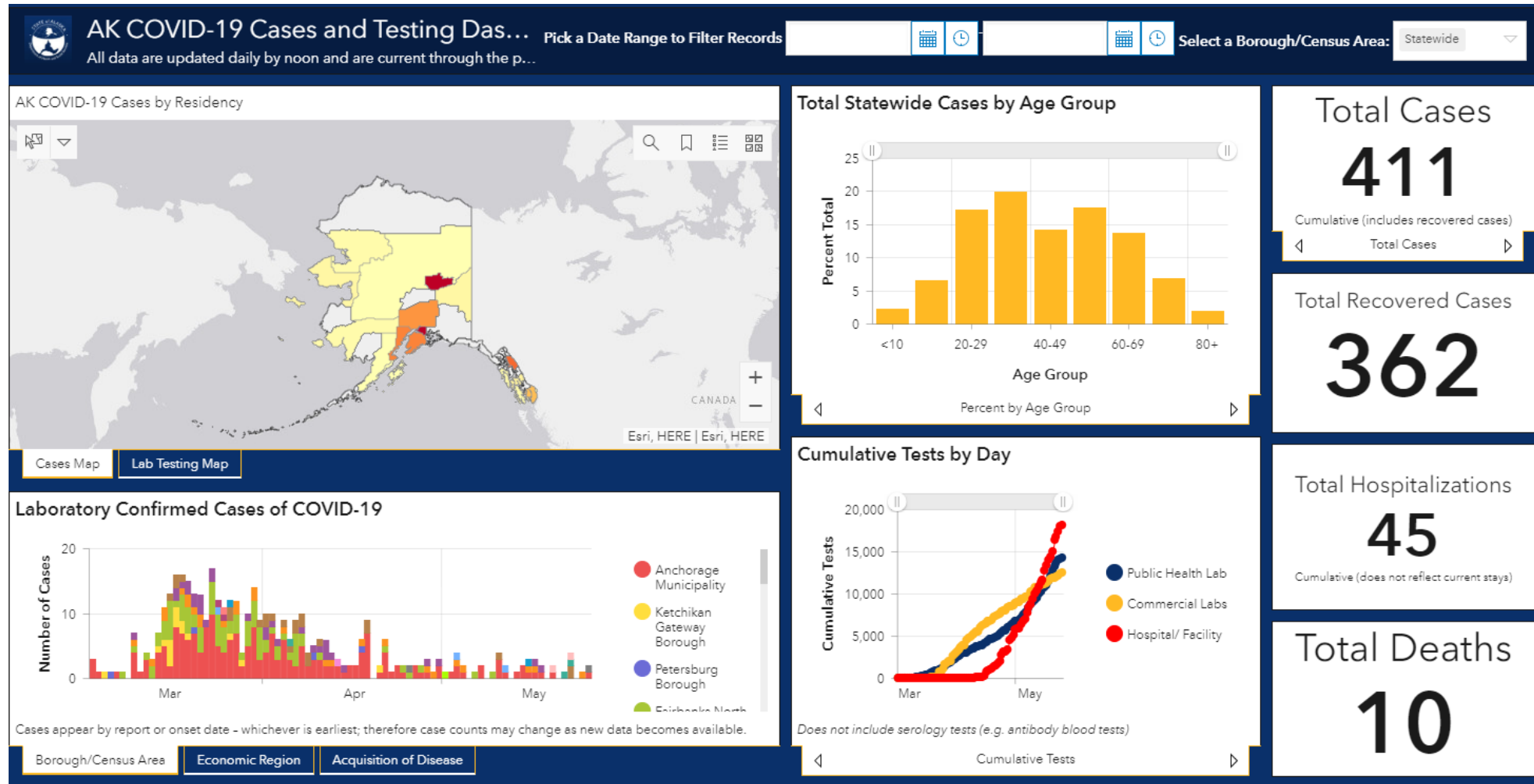
Dr. Ellen Hodges, Chief of Staff, Yukon Kuskokwim Health Corporation

Dr. Michael Bernstein, Chief Medical Officer, Providence Alaska Medical Center



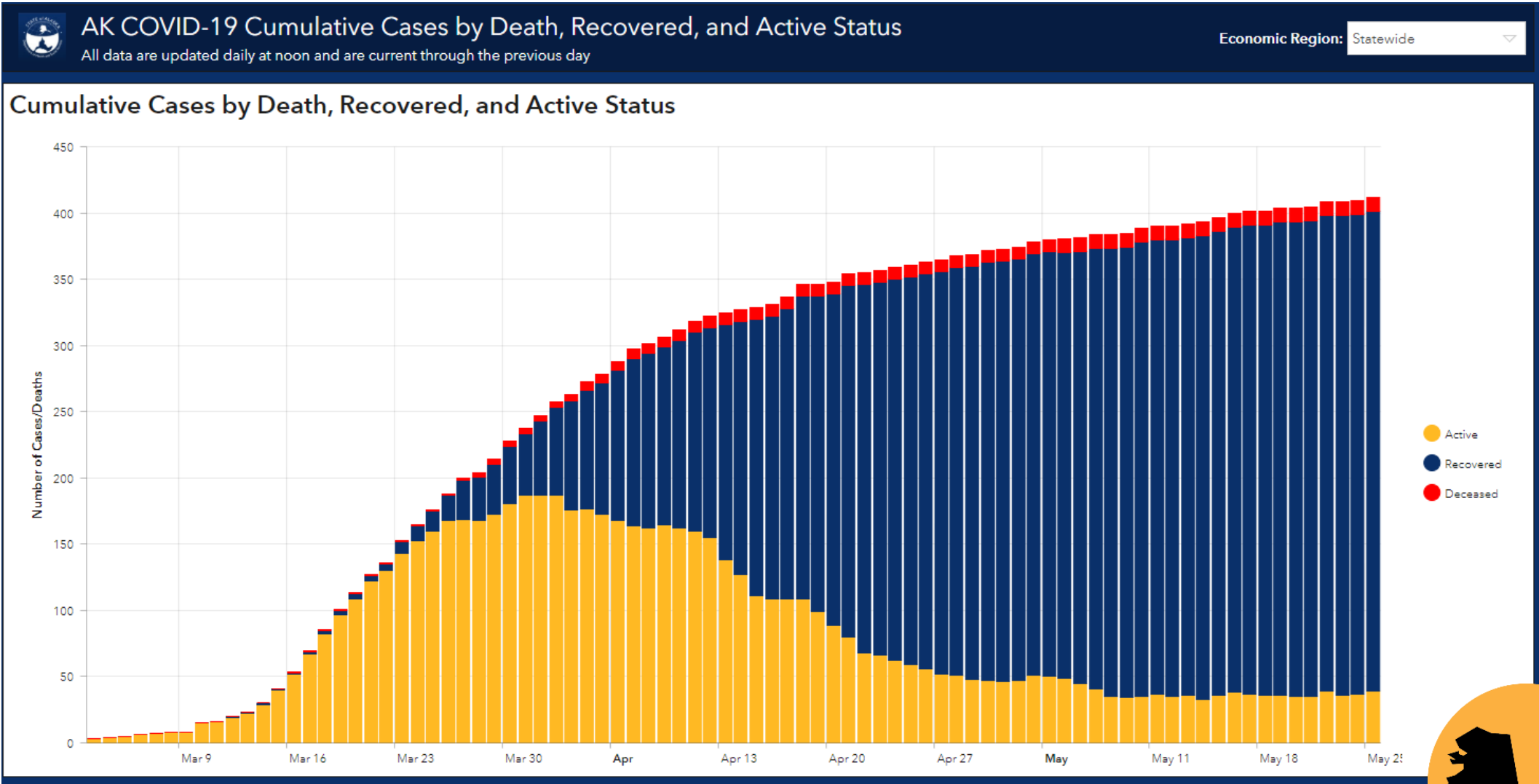
COVID-19 Dashboard: 5/26/20 reporting data from 5/25/20

- 2 new cases (411 total)
- 1 additional recovered case (362 total)
- No new additional deaths (10 total)
- No new hospitalizations (45 total)
- 44,964 cumulative tests
- 0.9% of tests were positive





EPIDEMIOLOGY – DISEASE ACTIVITY



Cumulative cases by death, recovered and active status



Nonresident cases: 5/26/20 reporting data from 5/25/20

- 17 nonresident cases

- Locations:

- Anchorage 10
 - Fairbanks NSB 1
 - SE FBX Census Area 1
 - Valdez-Cordova 2
 - Dillingham 1
 - Kenai Peninsula 2

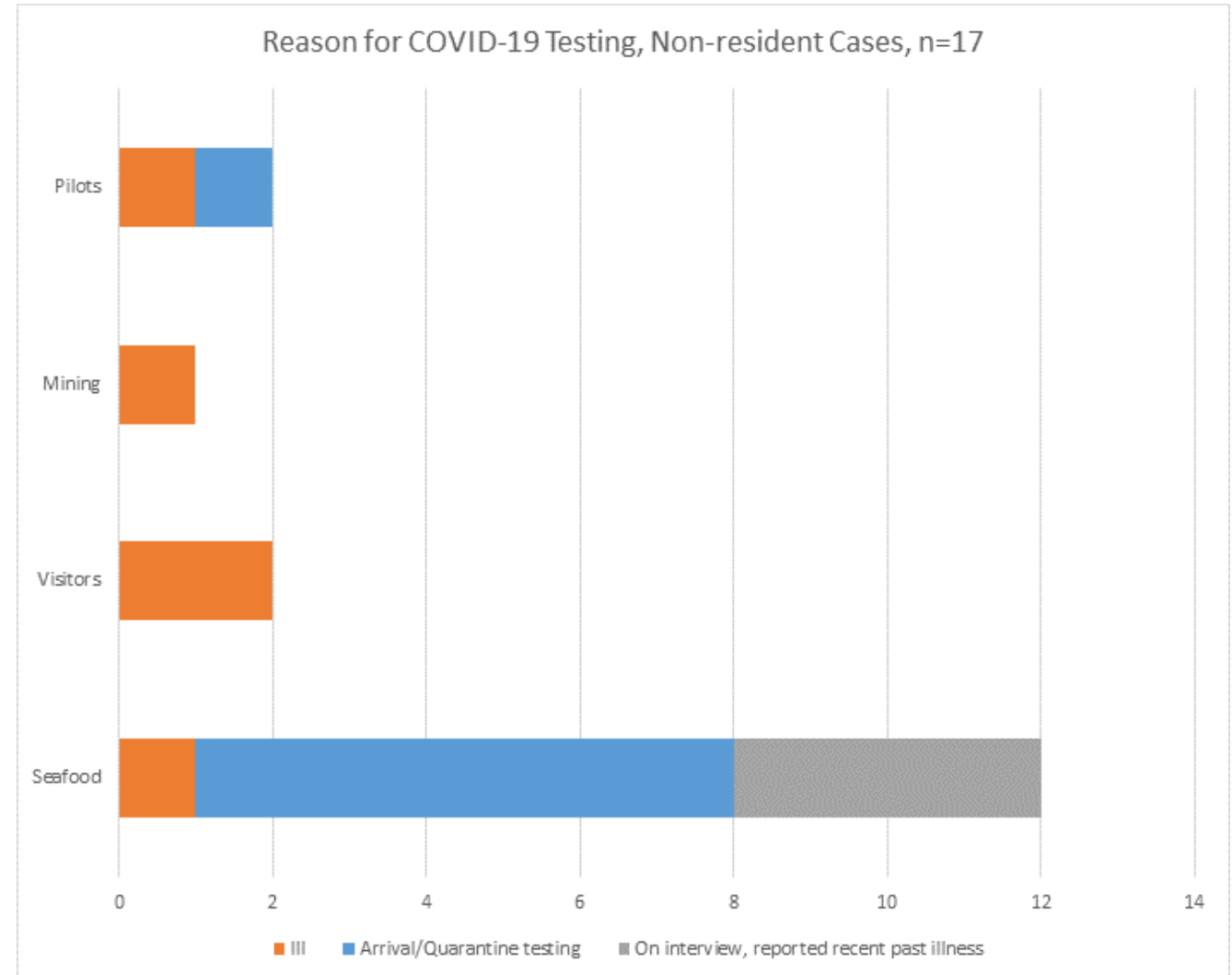
- Industry

- Airlines Pilots 2
 - Visitors 2
 - Mining 1
 - Seafood 12

ReportDate	County	CountyFIPS	Region	RegionCode	Industry	FID
3/12/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Airlines Pilots	1
4/4/2020, 4:00 AM	Fairbanks North Star Borough	90	Interior	6	Visitors	2
4/8/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Airlines Pilots	3
4/10/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Seafood industry	4
4/15/2020, 4:00 AM	Southeast Fairbanks Census Area	240	Interior	6	Mining	5
5/6/2020, 4:00 AM	Valdez-Cordova Census Area	261	Gulf Coast	4	Seafood industry	6
5/11/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Visitors	7
5/14/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Seafood industry	8
5/15/2020, 4:00 AM	Dillingham Census Area	70	Southwest	1	Seafood industry	9
5/16/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Seafood industry	10
5/19/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Seafood industry	11
5/19/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Seafood industry	12
5/22/2020, 4:00 AM	Valdez-Cordova Census Area	261	Gulf Coast	4	Seafood industry	13
5/24/2020, 4:00 AM	Kenai Peninsula Borough	122	Gulf Coast	4	Seafood industry	14
5/24/2020, 4:00 AM	Kenai Peninsula Borough	122	Gulf Coast	4	Seafood industry	15
5/25/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Seafood industry	16
5/25/2020, 4:00 AM	Anchorage Municipality	20	Anchorage	7	Seafood industry	17

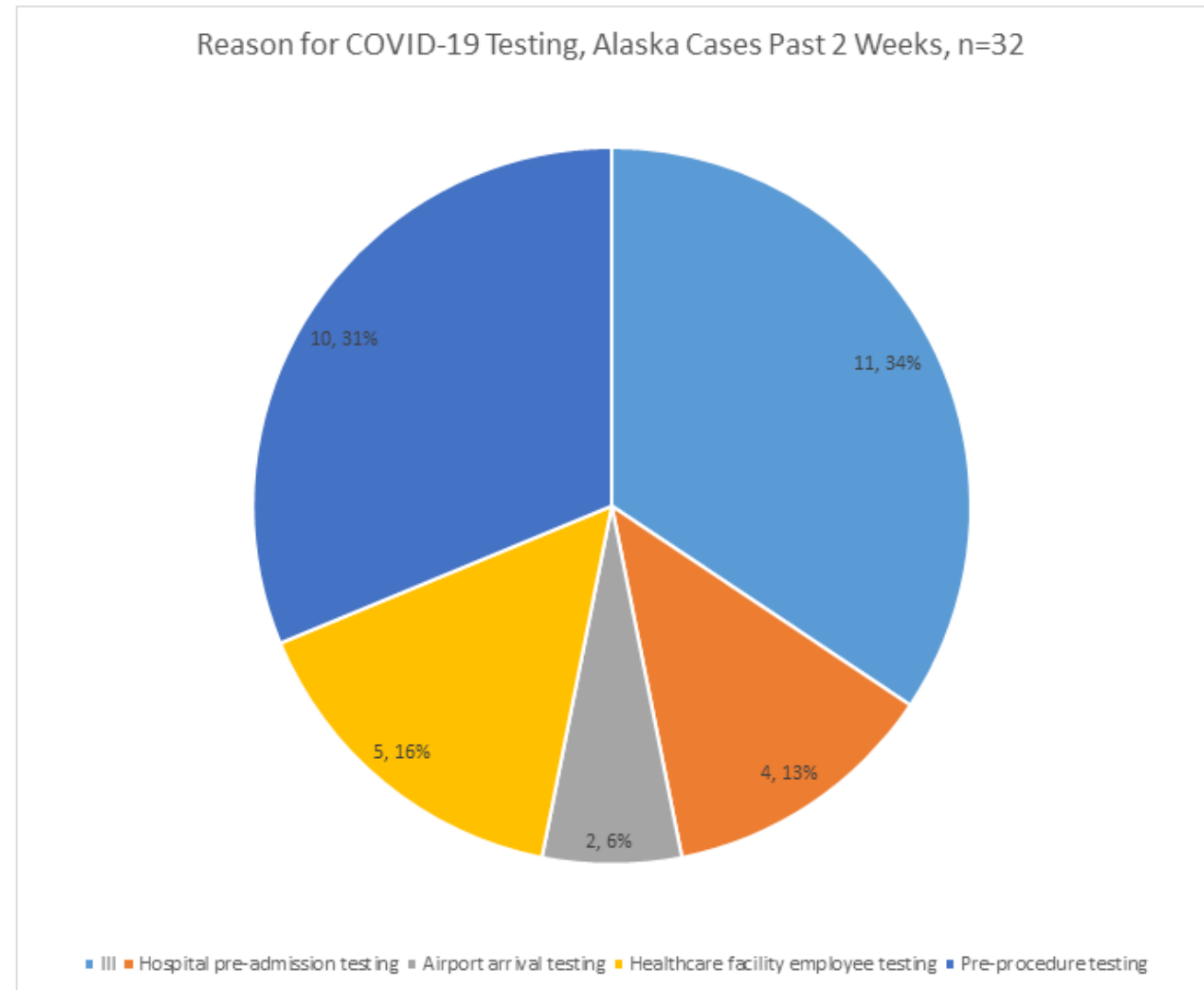
Reason for COVID-19 testing – all nonresident cases

- 17 nonresident cases
- Industry
 - Airlines Pilots 2
 - Sick (ill) – 1
 - Arrival/quarantine testing – 1
 - Visitors 2
 - Sick (ill) – 2
 - Mining 1
 - Sick (ill) – 1
 - Seafood 12
 - Sick (ill) – 1
 - Arrival/quarantine testing – 7
 - On interview/reported recent past illness - 5

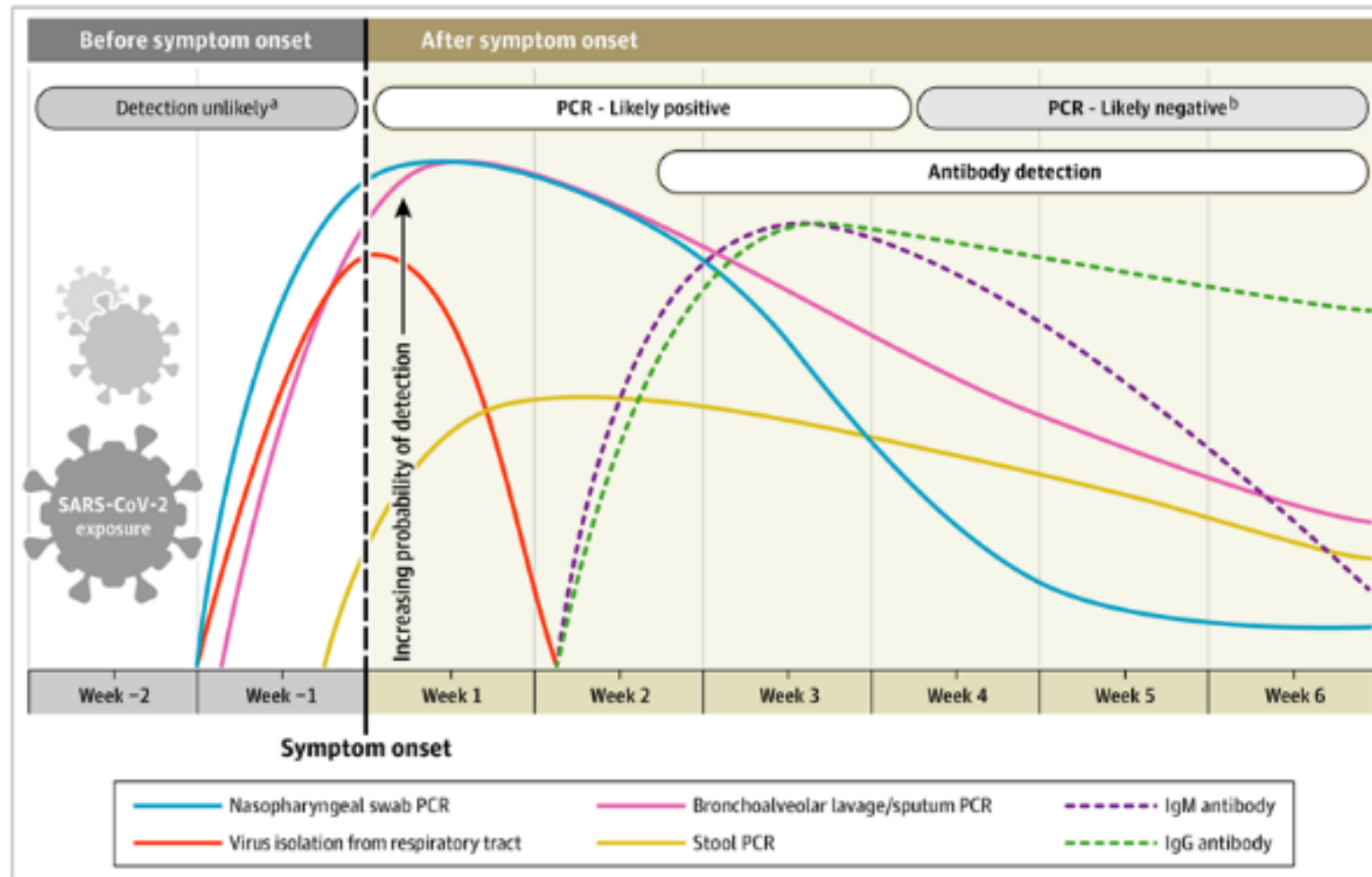


Reason for COVID-19 testing – Alaska cases, past two weeks

- Sample size = 32
- Sick = 11 (34%)
- Pre-procedure testing = 10 (31%)
- Hospital pre-admission = 4 (13%)
- Airport arrival testing = 2 (6%)
- Healthcare facility employee testing (16%)

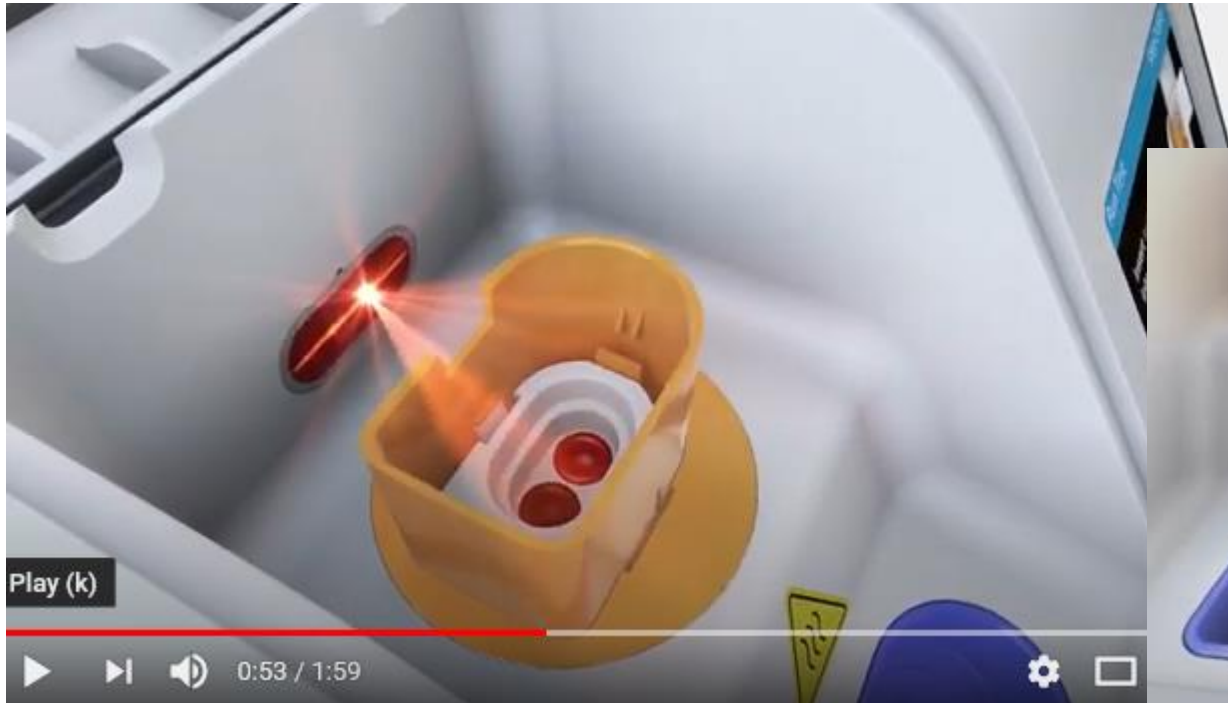


When do various tests best detect SARS-CoV-2 Infection?



<https://jamanetwork.com/journals/jama/fullarticle/2765837>

Abbott ID Now Rapid COVID-19 Testing



ID NOW RSV How to Use Animation

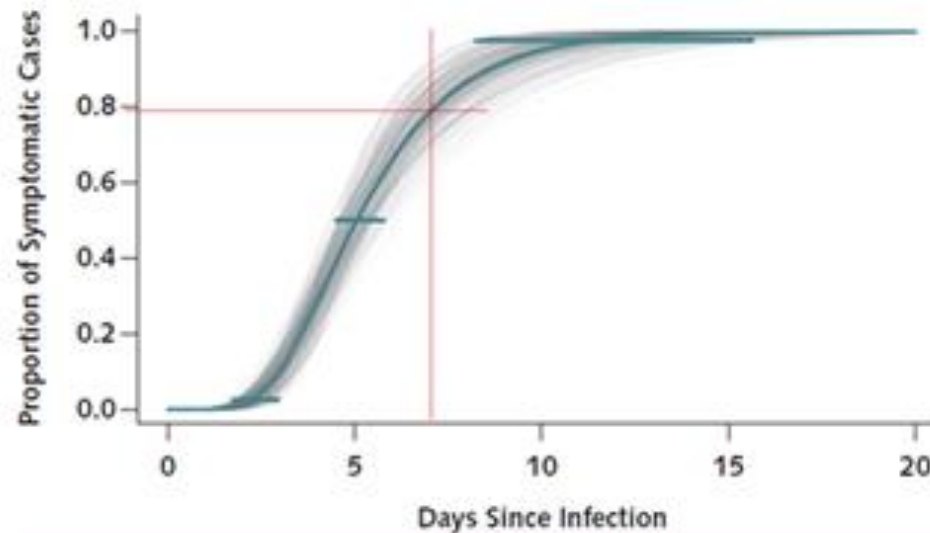
https://www.youtube.com/watch?v=WzkC_9bpLhQ



When do various tests best detect SARS-CoV-2 Infection?

- Estimated median incubation period of COVID-19 was 5.1 days.
- Fewer than 2.5% of infected persons will display symptoms within 2.2 days.
- Symptom onset will occur within 11.5 days for 97.5% of infected persons.

Figure 2. Cumulative distribution function of the COVID-19 incubation period estimate from the log-normal model.



The estimated median incubation period of COVID-19 was 5.1 days (CI, 4.5 to 5.8 days). We estimated that fewer than 2.5% of infected persons will display symptoms within 2.2 days (CI, 1.8 to 2.9 days) of exposure, whereas symptom onset will occur within 11.5 days (CI, 8.2 to 15.6 days) for 97.5% of infected persons. Horizontal bars represent the 95% CIs of the 2.5th, 50th, and 97.5th percentiles of the incubation period distribution. The estimate of the dispersion parameter is 1.52 (CI, 1.32 to 1.72). COVID-19 = coronavirus disease 2019.

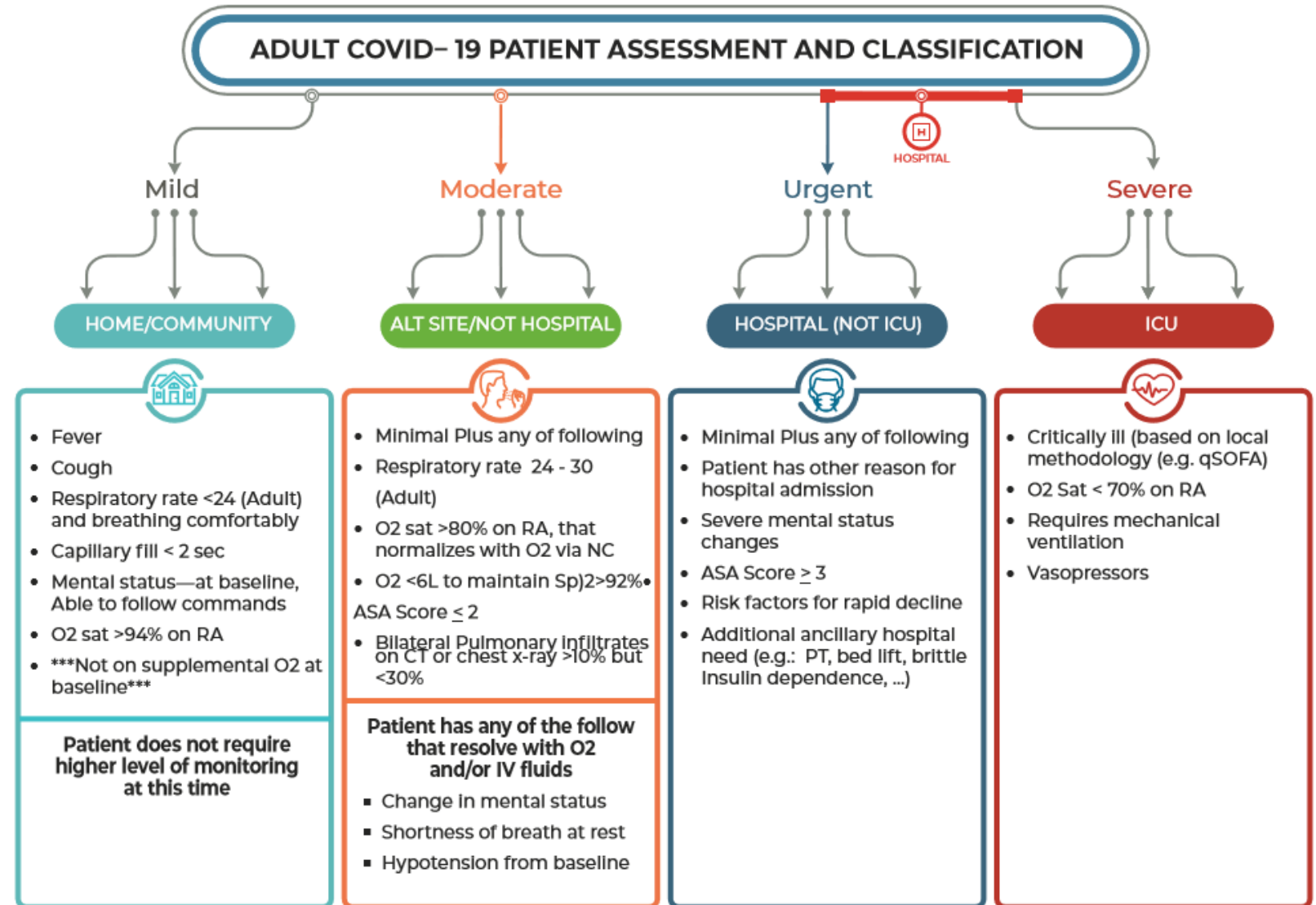
Personal Protective Equipment and Medical Supplies Inventory 5/23/20

Item	Quantity Shipped as of 5/23/20	Remaining Inventory
Surgical masks	180,813	1,279,715
N-95 masks	44,390	414,039
Gowns	25,913	40,627
Face shields	17,120	291,668
Gloves (boxes of 100)	6,762	19,915
Cloth Masks	1,600	19,400
Bouffant Caps	3,421	6,779
Shoe covers	920	852
Tyvek suit	395	35,630

*The DHSS Logistics Warehouse has also distributed hand sanitizer, thermometers, thousands of swabs and viral transport media, Abbott ID Now Analyzers, Abbott test kits, and other items to support ongoing health care and testing needs across the state.

COVID-19 Levels of Care

- Mild: Home/Community
- Moderate: Alternate Site/Hospital
- Urgent: Hospital (Not ICU)
- Severe: ICU



For Pediatrics refer to Jump Start Triage

Air Ambulance Coverage

Civilian Air Ambulance:

Guardian Flight

Anchorage- LJ45, B200x2
 Dead Horse- B200
 Dillingham- C208
 Fairbanks- LJ45, B200
 Juneau- LJ45, B200
 Ketchikan- LJ45, B200
 Kotzebue- B200
 Sitka- B200
 Kodiak- RW Support (pending)

Life Med

Anchorage- Lear 35, Lear 31, B200 Fairbanks-
 Lear 35, B200
 Dutch Harbor- B200
 Kodiak- B200
 Bethel- C208 (Grant)
 Palmer- B412 (Wolf Lake) Air Methods
 Soldotna- B412
 Juneau - Classic Aviation Lear 31

Life Flight

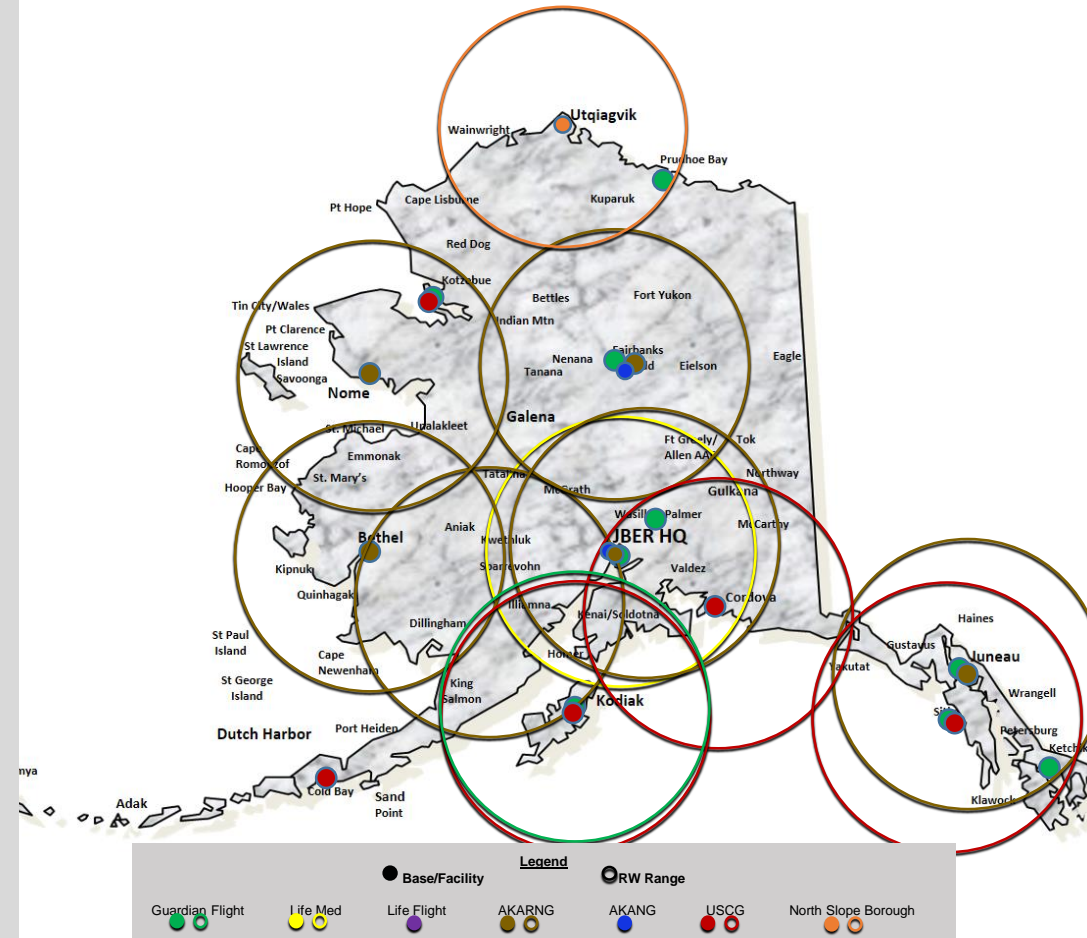
Anchorage

North Slope Borough

Barrow- B412, S92, B200, PC-24
 Bering Air (contracted medical transport)
 Nome- UH-1H, AS350, MD500

USCG:

Cordova (01MAY-30SEP)
 H-60
 Cold Bay (15JAN-15MAR)
 H-60
 Kodiak
 C-130 x 5
 H-60 x 6
 Kotzebue (01JUL-31OCT)
 H-60 x 2
 Sitka
 H-60 x 3



AKARNG – 24 Aircraft

Anchorage (JBER)
 C-12 x 2
 CH-47F x 6/2
 UH-60 x 9
 LUH-72 x 2

Bethel

UH-60

Fairbanks (Ft. Wainwright)

UH-60 x 2

Juneau

UH-60

Nome

UH-60

AKANG

Anchorage (JBER)
 C-17 x 2
 C-130J x 2
 KC-135 x 2
 HH-60

USARAK

(Ft. Wainwright)
 1-52 GSAB – 35 Aircraft
 CH-47F x 12
 UH-60 x 23

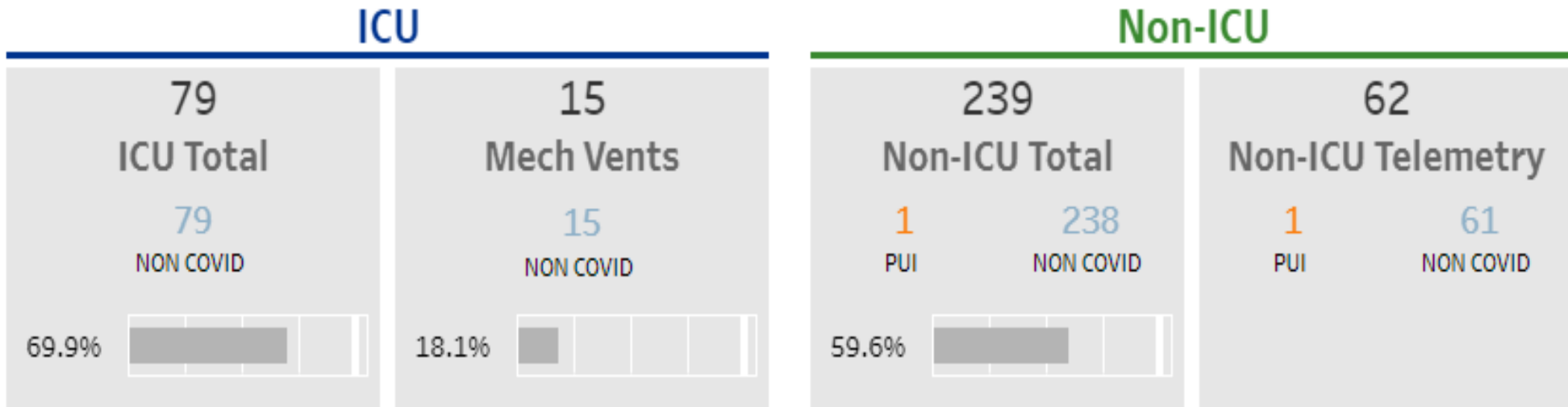
USAF

3d Wing (JBER)
 C-17
 C-130
 E-3

Providence Health & Services Alaska Region Supply Capacity

Primary	Droplet Masks	N95 Masks	Staffing	Testing Kits
PAMC				
PKIMC				
PVMC				
PSMC				
SESH				
PEC / PTCC				

Providence Alaska Medical Center Hospital Capacity



Thank you, Alaska. Everyone is essential.



- Questions regarding DHSS COVID response, including mandates and alerts, can be sent to: covidquestions@alaska.gov.
- Questions regarding DHSS data can be sent to: data.coronavirus@alaska.gov
- For general questions, contact 2-1-1 or 1-800-478-2221. Extended call center hours: 7 a.m. – 8 p.m., 7 days a week.